

### **AMENDMENTS TO THE CLAIMS:**

The listing of claims will replace all prior versions, and listings of claims in the application:

### **LISTING OF THE CLAIMS**

1-24. (Cancelled).

25. (Currently Amended) ~~Sleeve in accordance with Claim 26~~ Sleeve with multiple layer construction for printing presses having a king rolls designed as air cylinders, the sleeve comprising an inner tube of reversibly expandable plastic material, an inner diameter of which is smaller than an outer diameter of the king roll; an elastic, compressible intermediate layer that accommodates radial expansion of the inner tube during mounting or dismounting of the sleeve; an outer layer; and a support structure integrated into the sleeve construction between the inner tube and the outer layer, which completely penetrates the compressible intermediate layer in at least one location in a radial direction and stabilises the outer layer relative to the inner tube in a circumferential direction and/or the radial direction, wherein the support structure comprises radial struts distributed circumferentially in a symmetrical manner, wherein the compressible layer is intermitted by radial holes and the support structure is provided in the radial holes and partially bridges the compressible layer.

26. (Currently Amended) ~~Sleeve in accordance with Claim 25,~~ Sleeve with multiple layer construction for printing presses having a king rolls designed as air cylinders, the sleeve comprising an inner tube of reversibly expandable plastic material, an inner diameter of which is smaller than an outer diameter of the king roll; an elastic, compressible intermediate layer that accommodates radial expansion of the inner tube during mounting or dismounting of the sleeve; an outer layer; and a support structure integrated into the sleeve construction between the inner tube and the outer layer, which completely penetrates the compressible intermediate layer in at least one location in a radial direction and stabilises the outer layer relative to the inner tube in a

circumferential direction and/or the radial direction, wherein the support structure includes rings concentrically surrounding the inner tube.

27. (Currently Amended) Sleeve in accordance with Claim [[28]] 26, wherein the compressible layer is intermitted by concentric, ring-shaped recesses, which are turned recesses, and the support structure is provided in the recesses and partially bridges the compressible layer.

28. (Currently Amended) Sleeve in accordance with Claim [[25]] 26, further comprising a single ply or multiple ply transition layer of a plastic material of low density is provided between the outer layer and the compressible intermediate layer

29. (Currently Amended) Sleeve in accordance with Claim [[25]] 26, wherein the outer layer comprises a plastic material of low density.

30. (Currently Amended) Sleeve in accordance with Claim [[30]] 28, wherein the transition layer and/or the outer layer comprises a material that can be cast or foamed.

31. (Currently Amended) Sleeve in accordance with Claim [[30]] 28, wherein the support structure comprises the same material as the material of the transition layer or the material of a bottom-most ply of the transition layer and is formed at the same time as the transition layer is foamed or cast.

32. (Currently Amended) Sleeve in accordance with Claim [[26]] 25, wherein the radial struts comprise the same material as the outer layer and are formed during casting or introducing of the outer layer.

33. (Currently Amended) Sleeve in accordance with Claim [[28]] 26, wherein the rings comprise the same material as the outer layer and are formed during casting or introducing of the outer layer.

34. (Currently Amended) Sleeve in accordance with Claim [[28]] 26, wherein the rings comprise metal, a thermoplastic or a thermosetting plastic and are implemented in a number of parts.

35. (Currently Amended) Sleeve in accordance with Claim [[27]] 25, wherein the radial struts comprise a plastic material introduced into the radial holes.

36. (Currently Amended) Sleeve in accordance with Claim [[29]] 27, wherein the rings comprise a plastic material introduced into the recesses, such as a cast or filler mass, or similar.

37. (Currently Amended) Sleeve in accordance with Claim [[26]] 25, wherein the radial struts of the support structure are formed at a distance from both end faces of the sleeve.

38. (Currently Amended) ~~Sleeve in accordance with Claim 25,~~ Sleeve with multiple layer construction for printing presses having a king rolls designed as air cylinders, the sleeve comprising an inner tube of reversibly expandable plastic material, an inner diameter of which is smaller than an outer diameter of the king roll; an elastic, compressible intermediate layer that accommodates radial expansion of the inner tube during mounting or dismounting of the sleeve; an outer layer; and a support structure integrated into the sleeve construction between the inner tube and the outer layer, which completely penetrates the compressible intermediate layer in at least one location in a radial direction and stabilises the outer layer relative to the inner tube in a circumferential direction and/or the radial direction, wherein at least one partial depression is formed on an inner circumference of the inner tube.

39. (Currently Amended) Sleeve in accordance with Claim [[40]] 38, wherein the axial length of the at least one depression is greater than the axial width of the

support structure formed radially aligned with the at least one depression on an outer surface of the inner tube.

40. (Currently Amended) Sleeve in accordance with Claim ~~[[40]]~~ 38, wherein the at least one depression consists of circumferential grooves and the support structure includes concentric rings.

41. (Currently Amended) Sleeve in accordance with Claim ~~[[25]]~~ 26, wherein the sleeve is an adapter sleeve on which a printing sleeve or similar can be installed.

42. (Currently Amended) Sleeve in accordance with Claim ~~[[25]]~~ 26, further comprising a conductive or diverting outer layer or surface coating, and an electroconductive or diverting element, which connects an outer layer or surface coating at an inner circumference of the inner tube with an outer wall of the king roll for diverting electrostatic chargings into the king roll.

43. (Currently Amended) Sleeve in accordance with Claim ~~[[44]]~~ 42, wherein the element comprises a variable length in the radial direction.

44. (Currently Amended) Sleeve in accordance with Claim ~~[[44]]~~ 42, wherein the element is integrated into the support structure.

45-47. (Cancelled).